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SECRET / [REDACTED]

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East Germany [REDACTED]

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Equipment Developed and Produced by the HF Werk fuer Fernmeldewesen, Berlin-Oberschoene-
weide; 30 pp, 7 pictures; [REDACTED] 25X1A

Annex 1 is an original letter by the Werk fuer Fernmeldewesen "HF" to the Main Office of Research and Development of the Central Office of Research and Engineering, giving a compilation of the following eleven completed development projects, together with photographs and technical data of the equipment developed.

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[REDACTED] "Further Development of High-Powered Transmitter Tubes RS 566 and RS 558", for output powers of 100 and 40 kw, respectively.

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[REDACTED] "Electron Microscope Type 2748", newly developed, with an electron-optical magnification factor of 100,000 : 1 and a total magnification factor of 1,000,000 : 1.

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[REDACTED] "520 Watt Rare-Gas High-Pressure Lamp 2700 for Motion-Oicture Projection".

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[REDACTED] "Image Tube 2723", with a resolving power of approx 50 μ .

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[REDACTED] "Measuring Amplifier 2740", a secondary-emission multiplier tube.

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[REDACTED] "Oscillograph Tube with Polar Deflection 2728", a new development, for impulse oscillographs.

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[REDACTED] "Development of a 1-kw Shortwave Transmitter Tube for 2 - 10 m".

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[REDACTED] "Thyratron with Hydrogen-Filling 2731" for recording very rapid processes, as in oscillographs with 100,000 km/sec writing speed.

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[REDACTED] "Heterodyne Wavemeter" for 3 - 12 cm wavelength"(spectrometer).

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[REDACTED] "Diapositive Scanner Type 2726", for scanning still pictures.

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[REDACTED] "High-Efficiency Oscillograph For Writing Speed of 50,000 km/sec"

25X1A for recording very rapid processes in the high-voltage, rectifier, and pulse techniques.

Annex 2 is a copy of a list of electronic equipment manufactured in the HF Plant [REDACTED] including such items as sensitivity test ~~test~~ transmitters for 9 - 100 cm, voltage dividers, wavemeters ~~for~~, spectrometer for 3 - 12 cm, field-strength meters, etc.

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Abstractor: [REDACTED]

Date: August 22, 1952.

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Stromreiniger .

06. 49002

Verwendungszweck :

Der Stromreiniger dient zur Unterdrückung der Oberwellen von Meßsendern im Frequenzbereich von 40 Hz bis 300 kHz .

Technische Daten :

Frequenzbereich :

3 bis 300 kHz
umschaltbar in 16 Stufen

Dämpfung für die 2. Harmonische :

$\geq 6,0$ N

Kennwiderstand :

600 Ω

Schaltung :

symmetrisch und unsymmetrisch

Umfang: 1 Gerätekasten

545 x 198 x 265

Gewicht :

ca. 17 kg.